

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/012206A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F28F9/02 F28F27/02 F28D7/16 F02M25/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F28F F28D F02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 05, 14 September 2000 (2000-09-14) -& JP 2000 045884 A (HINO MOTORS LTD; SANKYO RADIATOR KK), 15 February 2000 (2000-02-15) abstract	1-4
A	DE 102 38 882 A1 (BEHR GMBH & CO) 8 May 2003 (2003-05-08) cited in the application the whole document	5-9
A	DE 296 12 361 U1 (GUSTAV WAHLER GMBH U. CO, 73730 ESSLINGEN, DE) 29 August 1996 (1996-08-29) cited in the application the whole document	1-9

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

10 March 2005

Date of mailing of the International search report

17/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bain, D

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/012206

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
JP 2000045884	A	15-02-2000	NONE		
DE 10238882	A1	08-05-2003	WO	03036214 A1	01-05-2003
			EP	1444474 A1	11-08-2004
			US	2005034843 A1	17-02-2005
DE 29612361	U1	29-08-1996	NONE		